

Version 4.6

Input/output

- New SPG input option: Instead of the standard {fen, halfMoves} notation for an SPG, it is now possible to simply write the intended solution (in pgn notation) into the problems.txt file. From this solution, {fen, halfMoves} are implied. The benefit of this approach is that Stelvio can infer the strategy implicitly defined by this given solution and play it first. So any duals for this strategy are quickly found, and you do not have to wait until Stelvio eventually finds this strategy itself (which can take a long time). It is advised to use a website like lichess.org to generate the valid pgn notation for the intended solution, in order to avoid typos, and use qualifiers as necessary (e.g. Ncb3 instead of Nb3). Stelvio will complain and abort the solving in case the input solution is not valid. An error message is written into the problems_out.txt file in this case.
- Pgn solution output: The moves are now only as qualified as needed, which makes the solution more readable.

Strategy analysis

- A bit more retraction logic added, which in turn makes H46 of WCCT 12 easily solvable.

Bugfixes

- Strategy sync error bug fixed, which caused H17 of WCCT 12 to fail (sometimes).
- Two similar bugs fixed that could result in a strategy being found twice, potentially resulting in a double solution (when actually there is only one).
- Collision detection bug fixed (rare case)